

Amendment dated March 10, 2005  
Reply to Office Action of December 10, 2005

Auty Dkt No. 7725-0001,10

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

Edward William ADAMS et al.

Confirmation No: 7752

Examiner: Elena TSOY

MAR 10 2005

Serial No.: 10/717,246

Group Art Unit: 1762

Filing Date: November 18, 2003

Title: METHOD FOR PREPARING SURFACE-MODIFIED SEMICONDUCTIVE AND METALLIC NANOPARTICLES HAVING ENHANCED DISPERSIBILITY IN AQUEOUS MEDIA

AMENDMENT UNDER 37 CFR § 1.111

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is in response to the Office Action mailed from the U.S. Patent & Trademark Office on December 10, 2004. Please amend the application as indicated herein.

*Amendments to the Specification* begin on page 2 of this document.

*Amendments to the Claims* are shown in the *Listing of the Claims* at page 3 of this document.

*Remarks* begin on page 5 of this document.

THE REED INTELLECTUAL PROPERTY LAW GROUP

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MAR 10 2005

**FACSIMILE TRANSMITTAL SHEET**

TO: Mail Stop Amendment  
USPTO  
Attn: Examiner Elena Tsoy  
Group Art Unit 1762      FACSIMILE NO.: (703) 872-9306

FROM: Mark L. Warzel      FACSIMILE NO.: (650) 330-0980  
Reg. No. 47,264      TELEPHONE NO.: (650) 330-0900

DATE: March 10, 2005      PAGE 1 OF: 10

SUBJECT: U.S. Pat. Appl. Ser. No. 10/717,246      CONFIRMATION COPY TO FOLLOW:  
Filed November 18, 2003       YES  NO

**For " METHOD FOR PREPARING SURFACE-MODIFIED SEMICONDUCTIVE AND METALLIC NANOPARTICLES HAVING ENHANCED DISPERSIBILITY IN AQUEOUS MEDIA "**

**By Edward William Adams et al.  
Atty Doc. No. 7725-0001.10**

Please see the attached Amendment Under 37 C.F.R. § 1.111 and related transmittal documents for the above-identified patent application.

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OR HAVE RECEIVED THIS TRANSMISSION IN ERROR.**

<b>FEE TRANSMITTAL</b> <b>for FY 2005</b>		Complete if Known	
		Application Number	10/717,246
		Filing Date	November 18, 2003
		First Named Inventor	Edward William Adams
		Examiner Name	Elena Tsoy
		Group Art Unit	1762
		Attorney Docket No.	7725-0001.10
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
TOTAL AMOUNT OF PAYMENT \$0.00			

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)																																																																																																																																																																																																													
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: <input type="checkbox"/> Deposit Account No. 18-0580 <input type="checkbox"/> Deposit Account Name Reed IP Law Group The Commissioner is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Charge any underpayment or credit any overpayments <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>85</td> <td>Surcharge - Int'l filing fee or cont'</td> <td></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251</td> <td>120</td> <td>2251</td> <td>60</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>450</td> <td>2252</td> <td>225</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>1,020</td> <td>2253</td> <td>510</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>1,590</td> <td>2254</td> <td>795</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2,160</td> <td>2255</td> <td>1,080</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>500</td> <td>2401</td> <td>250</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>500</td> <td>2402</td> <td>250</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>1,000</td> <td>2403</td> <td>500</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>500</td> <td>2452</td> <td>250</td> <td>Petition to revive - unrevivable</td> <td></td> </tr> <tr> <td>1453</td> <td>1,500</td> <td>2453</td> <td>750</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1501</td> <td>1,400</td> <td>2501</td> <td>700</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>1502</td> <td>800</td> <td>2502</td> <td>400</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>1503</td> <td>1,100</td> <td>2503</td> <td>550</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> <td></td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>1809</td> <td>700</td> <td>2809</td> <td>395</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>1810</td> <td>790</td> <td>2810</td> <td>395</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>1801</td> <td>790</td> <td>2801</td> <td>395</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td>1814</td> <td>130</td> <td>2614</td> <td>65.00</td> <td>Statutory Disclaimer</td> <td></td> </tr> <tr> <td colspan="4"></td> <td colspan="2">SUBTOTAL (3) \$</td> <td colspan="2"></td> </tr> <tr> <td colspan="4"></td> <td colspan="2">SUBTOTAL (2) \$</td> <td colspan="2"></td> </tr> <tr> <td colspan="8">*or number previously paid, if greater. 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SUBMITTED BY			Complete (if applicable)		
Name (Print/Type)	Mark L. Warzel	Registration No. (Attorney/Agent)	47,264	Telephone	(650) 330-0900
Signature				Date	March 10, 2005

PTO/SB/21 (08-03)

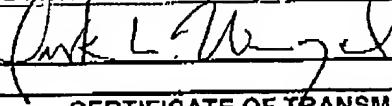
Approved for use through 08/30/2003. OMB 0651-0031

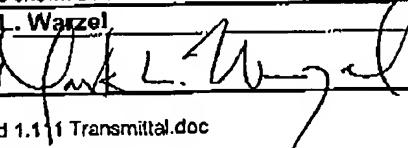
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number <b>10/717,246</b>
		Filing Date <b>November 18, 2003</b>
		First Named Inventor <b>Edward William Adams</b>
		Art Unit <b>1762</b>
		Examiner Name <b>Elena Tsoy</b>
Mail Stop	Amendment	Attorney Docket Number <b>7725-0001.10</b>

<b>ENCLOSURES (Check all that apply)</b>		
<input checked="" type="checkbox"/> No fee due <input checked="" type="checkbox"/> Fee Transmittal <input type="checkbox"/> Fee(s) due <input type="checkbox"/> Fee Transmittal <input type="checkbox"/> Check for \$* <input checked="" type="checkbox"/> Charge any underpayment or credit any overpayment to Deposit Account No. 18-0580 <input type="checkbox"/> Return postcard <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement & Form(s) PTO-1449 <input type="checkbox"/> Copy(ies) of cited reference(s) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts / Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s):	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks:		

<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>			
Firm or Individual Name (print/type)	Mark L. Warzel, Reg. No. 47,264 Reed Intellectual Property Law Group	Telephone	(650) 330-0900
Signature		Date	March 10, 2005

<b>CERTIFICATE OF TRANSMISSION</b>			
I hereby certify that this correspondence is being facsimile transmitted to Examiner Elena Tsoy in Group Art Unit 1762 of the USPTO at facsimile number (703) 872-9306 on the date shown below.			
Name (print/type)	Mark L. Warzel	Date	March 10, 2005
Signature			

F:\Document\7725\0001\10\Amend 1.1\1 Transmittal.doc